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## 無線電波能源充電之研究

### **A Study of Radio-Energy Charger**

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#### Abstract

Due to serious reduction of power energy, energy regeneration is recommended by the government in recent years. In this paper we design a radio circuit to receive the electromagnetic energy from the air. The radio frequency (RF) is received and rectified as direct current to supply load or store in cell or capacitance. Therefore, the proposed radio-energy charger not only can reach to recycle nature energy.

關鍵字：無線電波;射頻天線;電磁能量;蕭特基二極體